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Application Serial Number: 10/799,320A
Source: 1FWO
Date Processed by STIC: 8/10/04

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320A

DATE: 08/10/2004

TIME: 12:22:31

Input Set : A:\2500uslp.ST25.seq.txt
 Output Set: N:\CRF4\08102004\J799320A.raw

3 <110> APPLICANT: SAIKAWA, Akira
 4 IGARI, Yasutaka
 5 HATA, Yoshiro
 6 YAMAMOTO, Kazumichi
 8 <120> TITLE OF INVENTION: Sustained-Release Composition, Method of its Preparation and
 Use Thereof
 10 <130> FILE REFERENCE: 2500US1P
 !--> 11 <140> CURRENT APPLICATION NUMBER: 10/799,320A
 12 <141> CURRENT FILING DATE: 2004-03-12
 15 <150> PRIOR APPLICATION NUMBER: 09/582,926
 16 <151> PRIOR FILING DATE: 2000-07-05
 18 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00086
 19 <151> PRIOR FILING DATE: 1999-01-13
 21 <150> PRIOR APPLICATION NUMBER: JP 10-6412
 22 <151> PRIOR FILING DATE: 1998-01-16
 24 <160> NUMBER OF SEQ ID NOS: 5
 26 <170> SOFTWARE: PatentIn version 3.0

MISERED SEQUENCES

218 <210> SEQ ID NO: 5
 219 <211> LENGTH: 9
 220 <212> TYPE: PRT
 221 <213> ORGANISM: artificial sequence
 223 <220> FEATURE:
 224 <223> OTHER INFORMATION: LH-RH derived peptides
 226 <220> FEATURE:
 227 <221> NAME/KEY: MOD_RES
 228 <222> LOCATION: (1)..(1)
 229 <223> OTHER INFORMATION: 5-oxo-Pro carboxy terminal
 232 <220> FEATURE:
 233 <221> NAME/KEY: MOD_RES
 234 <222> LOCATION: (6)..(6)
 235 <223> OTHER INFORMATION: X is DLeu
 238 <220> FEATURE:
 239 <221> NAME/KEY: MOD_RES
 240 <222> LOCATION: (9)..(9)
 241 <223> OTHER INFORMATION: Pro-NH-C2H5 amino terminal
 244 <400> SEQUENCE: 5
 !--> 246 Pro His Trp Ser Tyr Xaa Leu Arg Pro
 247 1. 5
 !--> 252 1. delete - see pp 2-3

ppr 1-3
Does Not Comply
Corrected Diskette Needed

10/799, 3 A 2

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<212> PRT
<213> artificial sequence

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<223> LH-RH derived peptide

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<221> MOD_RES
<222> (1)..(1)
<223> 5-oxo-Pro carboxy terminal

<220>
<221> MOD_RES
<222> (6)..(6)
<223> DLeu, DAla, DTrp, DSer(tbut), D2Nal or Dhis(ImBzl)

<220>
<221> MOD_RES
<222> (10)..(10)
<223> NR-C₂H₅ or Gly-NH₂

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Pro His Trp Ser Tyr Xaa Leu Arg Pro Xaa
1 5 10

<210> 2
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<212> PRT
<213> artificial sequence

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<223> LH-RH antagonist derivatives

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<222> (2)..(2)
<223> X is D2Nal

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<222> (3)..(3)
<223> X is D4ClPhe

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- <220>
<221> MOD_RES
<222> (4)..(4)
• <223> X is D3Pal
- FYI: Xaa can only represent a single amino acid
- Xaa can only represent a single amino acid
- <220>
<221> MOD_RES
<222> (6)..(6)
<223> NMeTyr, Tyr, Aph(Atz) or NMeAph(Atz)
- <220>
<221> MOD_RES
<222> (7)..(7)
<223> DLys(Nic), DCit, DLys(AzaGlyNic),
- <220>
<221> MOD_RES
<222> (7)..(7)
<223> DLys(AzaGlyFur), DhArg(Et2), DAph(Atz), or Dhc
- Xaa can only represent a single amino acid
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<221> MOD_RES
<222> (9)..(9)
<223> Lys(Nisp), Arg or HArg(Et2)

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<222> (11)..(11)
<223> X is DALaNH2

<400> 2

Xaa Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa
1 ; . . . 5 . . . 10 .

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/799,320A

DATE: 08/10/2004

TIME: 12:22:32

Input Set : A:\2500uslp.ST25.seq.txt

Output Set: N:\CRF4\08102004\J799320A.raw

11 M:283 W: Missing Blank Line separator, <140> field identifier
56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
252 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5

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